

B2
cont.
transmitters which transmit pilot signals, while data signals are sent in respective traffic channels, said pilot channel receive unit detects, from the pilot signals, a timing for a traffic channel demodulation; and

a traffic channel receive unit which demodulates data signals at the timing detected by said pilot channel receive unit.

B3
Sub 8 (Twice Amended) A CDMA mobile communication system comprising transmitters and receivers;

each of said transmitters comprising:

a pilot channel transmit unit which intermittently transmits a pilot signal in a spread spectrum formation, wherein the pilot signal is intermittently transmitted in synchronism with other transmitters which transmit pilot signals; and

traffic channel transmit units which respectively transmit data signals in respective traffic channels while the pilot signal is intermittently transmitted;

each of said receivers comprising:

a pilot channel receive unit which demodulates the pilot signals respectively transmitted intermittently in the spread spectrum formation by the transmitters and detects, from the pilot signals, a timing for a traffic channel demodulation; and

a traffic channel receive unit which demodulates the data signals at the timing detected by said pilot channel receive unit.

B4
Sub 13 (Amended) A CDMA mobile communication method comprising the steps of:

a) transmitting, on transmit sides, pilot signals in a spread spectrum formation, wherein each of the pilot signals is intermittently transmitted in synchronism with other transmitters which transmit pilot signals;

b) demodulating, on a receive side, the pilot signals respectively transmitted intermittently; and

c) detecting, on the receive side, from the pilot signals, a timing for a traffic channel demodulation.

REMARKS

This preliminary amendment is being filed in conjunction with a Continued Prosecution Application (CPA) and in response to the Advisory Action dated January 4, 1999, wherein the Examiner identified the previous response, dated November 11, 1998, as failing to overcome the rejections set forth in the Official Action dated August 11, 1998. The applicant would request that the previously filed amendment, dated November 11, 1998, be entered and considered in conjunction with the present preliminary amendment.

In the present preliminary amendment, the Applicant has made further amendments to claims 1, 4, 8 and 13, in an attempt to more clearly identify the differences between the present application and the references cited. Specifically the applicant has amended the independent claims to more clearly identify the pilot